

other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. ____ . DISCLOSURE REQUIREMENTS FOR RECIPIENTS OF NSF FUNDS.

(a) **DISCLOSURE REQUIREMENTS FOR RECIPIENTS OF NSF FUNDS.**—The National Science Foundation Act of 1950 (42 U.S.C. 1861 et seq.) is amended by inserting after section 11 the following:

“SEC. 11A. DISCLOSURE REQUIREMENTS FOR RECIPIENTS OF NSF FUNDS.

“(a) **IN GENERAL.**—A grantee or subgrantee carrying out a program, project, or activity that is, in whole or in part, carried out using funds provided by the Foundation shall clearly state, to the extent possible, in any statement, press release, request for proposals, bid solicitation, or other document describing the program, project, or activity, other than a communication containing not more than 280 characters—

“(1) the percentage of the total costs of the program, project, or activity which will be financed with funds provided by the Foundation;

“(2) the dollar amount of the funds provided by the Foundation made available for the program, project, or activity; and

“(3) the percentage of the total costs of, and dollar amount for, the program, project, or activity that will be financed by non-governmental sources.

“(b) **NONCOMPLIANCE.**—If the Director determines that an individual or entity is failing to comply with subsection (a), the Director may withhold not more than 25 percent of the amount of funds provided by the Foundation that would otherwise be provided to the individual or entity, until the date on which the individual or entity complies with subsection (a).”.

(b) **PUBLIC AVAILABILITY.**—Notwithstanding any other provision of this Act, the Director of the National Science Foundation shall require that any publication of research or a study funded in whole or in part by the National Science Foundation, shall be publicly available at no cost not later than 365 days after the date of publication.

(c) **AUTHORITY TO EXCLUDE.**—Notwithstanding any other provision of law, the Director of the National Science Foundation may waive a requirement under subsection (b) if the Director determines the requirement would compromise national security.

SA 1515. Ms. ERNST submitted an amendment intended to be proposed by her to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. ____ . EXPANDING THE DOMESTIC PRODUCTION OF MEDICAL SUPPLIES.

Title III of the Public Health Service Act is amended by inserting after section 319F-4 (42 U.S.C. 247d-6e) the following:

“SEC. 319F-5. EXPANDING THE DOMESTIC PRODUCTION OF MEDICAL SUPPLIES.

“(a) **IN GENERAL.**—The Secretary, in consultation with the Secretary of Defense, shall award grants to drug, biological product (including vaccines), device (including

respiratory protective devices), and other medical supply manufacturers for the purpose of incentivizing such manufacturers to manufacture such products domestically using advanced manufacturing, and to ensure that the Nation is able to retain or acquire necessary supplies to address critical public health needs, including countermeasures required during a pandemic or other public health emergency.

“(b) **ELIGIBLE PRODUCTS.**—The Secretary, in consultation with the Secretary of Defense, shall compile and update a list of drugs, biological products (including vaccines), devices (including respiratory protective devices), and other medical supplies that are, or may become, critical supplies in the event of a pandemic or public health emergency.

“(c) **ELIGIBILITY.**—To be eligible for a grant under this section, a manufacturer shall submit an application to the Secretary at such time, in such manner, and containing such information as the Secretary may require, including the applicant's plan for the advanced manufacturing, domestically, of a product on the list under subsection (b).

“(d) **GRANT AWARDS.**—A grant awarded under this section—

“(1) shall be used for the capital costs associated with the installation of countermeasure manufacturing equipment (including both final finished products and the related critical components required for these products), including the building and assembly of manufacturing equipment, modifications to existing facilities to accommodate such equipment, or expansion of existing facilities to accommodate such equipment, in accordance with the advanced manufacturing plan set forth in the application under subsection (c); and

“(2) shall be in amount not to exceed the amount sufficient to cover up to 50 percent of the costs described in paragraph (1).

“(e) **WAIVER OF CERTAIN REQUIREMENTS.**—The requirements of section 75.323 of title 45, Code of Federal Regulations (or any successor regulations) shall not apply with respect to a grant awarded under this section.

“(f) **ONGOING MONITORING.**—The Secretary, in coordination with the Secretary of Defense, shall establish and implement procedures for the ongoing monitoring of the program under this section to ensure that such program works toward the goal of expanding domestic production of drugs, biological products (including vaccines), devices (including respiratory protective devices), and other medical supplies.

“(g) **REPORTING.**—Not later than 180 days after the date of the enactment of this section and annually thereafter, the Secretary, in coordination with the Secretary of Defense, shall submit to Congress a report on the program under this section. Each such report shall include certification that all funds appropriated for the purpose of carrying out this section are used solely for such purpose.

“(h) **AUTHORIZATION OF APPROPRIATIONS.**—To carry out this section, there are authorized to be appropriated \$250,000,000 for each of fiscal years 2022 through 2026.”.

SA 1516. Ms. ROSEN (for herself and Ms. COLLINS) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing,

and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. ____ . UNITED STATES-ISRAEL CYBERSECURITY COOPERATION.

(a) **DEFINITIONS.**—In this section—

(1) the term “cybersecurity research” means research, including social science research, into ways to identify, protect against, detect, respond to, and recover from cybersecurity threats;

(2) the term “cybersecurity technology” means technology intended to identify, protect against, detect, respond to, and recover from cybersecurity threats;

(3) the term “cybersecurity threat” has the meaning given the term in section 102 of the Cybersecurity Information Sharing Act of 2015 (6 U.S.C. 1501);

(4) the term “Department” means the Department of Homeland Security;

(5) the term “National Laboratory” has the meaning given the term in section 2 of the Energy Policy Act of 2005 (42 U.S.C. 15801); and

(6) the term “Secretary” means the Secretary of Homeland Security.

(b) **GRANT PROGRAM.**—

(1) **ESTABLISHMENT.**—The Secretary, in accordance with the agreement entitled the “Agreement between the Government of the United States of America and the Government of the State of Israel on Cooperation in Science and Technology for Homeland Security Matters”, dated May 29, 2008 (or successor agreement), and the requirements specified in paragraph (2), shall establish a grant program at the Department to support—

(A) cybersecurity research and development; and

(B) demonstration and commercialization of cybersecurity technology.

(2) **REQUIREMENTS.**—

(A) **APPLICABILITY.**—Notwithstanding any other provision of law, in carrying out a research, development, demonstration, or commercial application program or activity that is authorized under this section, the Secretary shall require cost sharing in accordance with this paragraph.

(B) **RESEARCH AND DEVELOPMENT.**—

(i) **IN GENERAL.**—Except as provided in clause (ii), the Secretary shall require not less than 50 percent of the cost of a research, development, demonstration, or commercial application program or activity described in subparagraph (A) to be provided by a non-Federal source.

(ii) **REDUCTION.**—The Secretary may reduce or eliminate, on a case-by-case basis, the percentage requirement specified in clause (i) if the Secretary determines that the reduction or elimination is necessary and appropriate.

(C) **MERIT REVIEW.**—In carrying out a research, development, demonstration, or commercial application program or activity that is authorized under this section, awards shall be made only after an impartial review of the scientific and technical merit of the proposals for the awards has been carried out by or for the Department.

(D) **REVIEW PROCESSES.**—In carrying out a review under subparagraph (C), the Secretary may use merit review processes developed under section 302(14) of the Homeland Security Act of 2002 (6 U.S.C. 182(14)).

(3) **ELIGIBLE APPLICANTS.**—An applicant shall be eligible to receive a grant under this subsection if the project of the applicant—

(A) addresses a requirement in the area of cybersecurity research or cybersecurity

technology, as determined by the Secretary; and

(B) is a joint venture between—

(i)(I) a for-profit business entity, academic institution, National Laboratory, or non-profit entity in the United States; and

(II) a for-profit business entity, academic institution, or nonprofit entity in Israel; or (ii)(I) the Federal Government; and (II) the Government of Israel.

(4) APPLICATIONS.—To be eligible to receive a grant under this subsection, an applicant shall submit to the Secretary an application for the grant in accordance with procedures established by the Secretary, in consultation with the advisory board established under paragraph (5).

(5) ADVISORY BOARD.—

(A) ESTABLISHMENT.—The Secretary shall establish an advisory board to—

(i) monitor the method by which grants are awarded under this subsection; and

(ii) provide to the Secretary periodic performance reviews of actions taken to carry out this subsection.

(B) COMPOSITION.—The advisory board established under subparagraph (A) shall be composed of 3 members, to be appointed by the Secretary, of whom—

(i) 1 shall be a representative of the Federal Government;

(ii) 1 shall be selected from a list of nominees provided by the United States-Israel Binational Science Foundation; and

(iii) 1 shall be selected from a list of nominees provided by the United States-Israel Binational Industrial Research and Development Foundation.

(6) CONTRIBUTED FUNDS.—Notwithstanding any other provision of law—

(A) the Secretary may accept or retain funds contributed by any person, government entity, or organization for purposes of carrying out this subsection; and

(B) the funds described in subparagraph (A) shall be available, subject to appropriation, without fiscal year limitation.

(7) REPORTS.—

(A) GRANT RECIPIENTS.—Not later than 180 days after the date of completion of a project for which a grant is provided under this subsection, the grant recipient shall submit to the Secretary a report that contains—

(i) a description of how the grant funds were used by the recipient; and

(ii) an evaluation of the level of success of each project funded by the grant.

(B) SECRETARY.—Not later than 1 year after the date of enactment of this Act, and annually thereafter until the grant program established under this section terminates, the Secretary shall submit to the Committee on Homeland Security and Governmental Affairs of the Senate and the Committee on Homeland Security of the House of Representatives a report on the grants awarded and projects completed under the program.

(8) CLASSIFICATION.—Grants shall be awarded under this subsection only for projects that are considered to be unclassified by both the United States and Israel.

(C) AUTHORIZATION OF APPROPRIATIONS.—There is authorized to be appropriated to carry out this section not less than \$6,000,000 for each of fiscal years 2022 through 2026.

SA 1517. Mr. TILLIS (for himself and Ms. HIRONO) submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing,

and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place, insert the following:

SEC. ____ . COLLECTION OF DEMOGRAPHIC INFORMATION FOR PATENT INVENTORS.

(a) AMENDMENT.—Chapter 11 of title 35, United States Code, is amended by adding at the end the following:

“§ 124. Collection of demographic information for patent inventors

“(a) VOLUNTARY COLLECTION.—The Director shall provide for the collection of demographic information, including gender, race, military or veteran status, and any other demographic category that the Director determines appropriate, related to each inventor listed with an application for patent, that may be submitted voluntarily by that inventor.

“(b) PROTECTION OF INFORMATION.—The Director shall—

“(1) keep any information submitted under subsection (a) confidential and separate from the application for patent; and

“(2) establish appropriate procedures to ensure—

“(A) the confidentiality of any information submitted under subsection (a); and

“(B) that demographic information is not made available to examiners or considered in the examination of any application for patent.

“(c) RELATION TO OTHER LAWS.—

“(1) FREEDOM OF INFORMATION ACT.—Any demographic information submitted under subsection (a) shall be exempt from disclosure under section 552(b)(3) of title 5.

“(2) FEDERAL INFORMATION POLICY LAW.—Subchapter I of chapter 35 of title 44 shall not apply to the collection of demographic information under subsection (a).

“(d) PUBLICATION OF DEMOGRAPHIC INFORMATION.—

“(1) REPORT REQUIRED.—Not later than 1 year after the date of enactment of this section, and not later than January 31 of each year thereafter, the Director shall make publicly available a report that, except as provided in paragraph (3)—

“(A) includes the total number of patent applications filed during the previous year disaggregated—

“(i) by demographic information described in subsection (a); and

“(ii) by technology class number, technology class title, country of residence of the inventor, and State of residence of the inventor in the United States; and

“(B) includes the total number of patents issued during the previous year disaggregated—

“(i) by demographic information described in subsection (a); and

“(ii) by technology class number, technology class title, country of residence of the inventor, and State of residence of the inventor in the United States; and

“(C) includes a discussion of the data collection methodology and summaries of the aggregate responses.

“(2) DATA AVAILABILITY.—In conjunction with issuance of the report under paragraph (1), the Director shall make publicly available data based on the demographic information collected under subsection (a) that, except as provided in paragraph (3), allows the information to be cross-tabulated to review subgroups.

“(3) PRIVACY.—The Director—

“(A) may not include personally identifying information in—

“(i) the report made publicly available under paragraph (1); or

“(ii) the data made publicly available under paragraph (2); and

“(B) in making publicly available the report under paragraph (1) and the data under paragraph (2), shall anonymize any personally identifying information related to the demographic information collected under subsection (a).

“(e) BIENNIAL REPORT.—Not later than 2 years after the date of enactment of this section, and every 2 years thereafter, the Director shall submit to Congress a biennial report that evaluates the data collection process under this section, ease of access to the information by the public, and recommendations on how to improve data collection.”.

(b) TECHNICAL AND CONFORMING AMENDMENT.—The table of sections at the beginning of chapter 11 of title 35, United States Code, is amended by adding at the end the following:

“124. Collection of demographic information for patent inventors.”.

SA 1518. Mr. JOHNSON submitted an amendment intended to be proposed to amendment SA 1502 proposed by Mr. SCHUMER to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

At the appropriate place in division D, insert the following:

SEC. 4 ____ . PROHIBITING THE CANCELLATION OF CERTAIN CONTRACTS FOR PHYSICAL BARRIERS AND OTHER BORDER SECURITY MEASURES.

Notwithstanding any other provision of law, the Secretary of Homeland Security and any other Federal official may not—

(1) cancel, invalidate, or breach any contract for the construction or improvement of any physical barrier along the United States border or for any other border security measures for which Federal funds have been obligated; or

(2) obligate the use of Federal funds to pay any penalty resulting from the cancellation of any contract described in paragraph (1).

SA 1519. Mr. JOHNSON submitted an amendment intended to be proposed by him to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security, science, research, innovation, manufacturing, and job creation, to establish a critical supply chain resiliency program, and for other purposes; which was ordered to lie on the table; as follows:

In section 6203, strike “\$252,000,000” and insert “\$184,524,000”.

SA 1520. Mr. JOHNSON submitted an amendment intended to be proposed by him to the bill S. 1260, to establish a new Directorate for Technology and Innovation in the National Science Foundation, to establish a regional technology hub program, to require a strategy and report on economic security,